

Docket No.: 50229-0421



PATENT

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Application of : Confirmation No. 8471  
Sylvia DAUNERT, et al. : Customer No. 20277  
Serial No.: 10/811,138 : Group Art Unit: 1645  
Filed: March 29, 2004 : Examiner: TBA  
For: AEQUORIN AND OBELIN MUTANTS WITH DIFFERING WAVELENGTHS AND BIOLUMINESCENCE

**SUBMISSION OF SEQUENCE LISTING AND AMENDMENTS TO SPECIFICATION  
IN RESPONSE TO NOTICE TO FILE MISSING PARTS TO NONPROVISIONAL  
APPLICATION CONTAINING NUCLEOTIDE  
SEQUENCE AND/OR AMINO ACID SEQUENCE DISCLOSURES**

**MAIL STOP SEQUENCE**

Honorable Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Dear Sir:

In response to the Notice to File Missing Parts of Nonprovisional Application, mailed June 9, 2004, having a shortened statutory time period for responding set to expire on August 9, 2004, please amend the above-captioned patent application with respect to the specification as follows.

**Amendments to the Specification** begin on page 2 of this paper.

**Remarks/Arguments** begin on page 3 of this paper.

An **Appendix** including a Sequence Listing in computer readable and paper format is attached following page 3 of this paper.